BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
1ST AND FINAL BILL

Name of work:Improvements to Road and Drains at Kogilu Layout in Ward No. 05, (Jakkur) Byatarayanapura sub Division

Work Order No: BBMP/EE/BTP/WO/57/2020-21 dt: 27.07.2020

JOB NUMBER: 005-20-000071

Estimate Cost: 250.00 lakhs.

Agency: Sri. K R Santhosh Kumar No:04 Samrudhi, AVR Block 1st A Main Virupakshapura Bangalore-97

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
Item No. 01		Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-								
			Cum							
		Qty Recorded as per Premeasurement Page No. 1 to 6						2653.93	217.94	578397.50
Item No. 02		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. and as per the								
			Cum							
		Qty Recorded as per Premeasurement Page No. 7 & 8						201.24	5677.44	1142528.03
Item No. 03		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per								
			Cum							
		Qty Recorded as per Premeasurement Page No. is 9 & 10						82.75	6033.54	499275.44
Item No. 04		Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. and as								
			Cum							
		Qty Recorded as per Premeasurement Page No. 11 to 15						382.37	5779.82	2210029.77

Contractor PMC Assistant Engineer Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	t
Item no.05		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per								
		Kogilu layout	Cum							
		8th Cross Road								
		LHS								
0	30		Cum	1	30.00	1.10	0.15	4.95		
30	60		Cum	1	30.00	1.10	0.15	4.95		
60	90		Cum	1	30.00	1.10	0.15	4.95		
90	94	No work	Cum	1	4.00	1.10	0.00	0.00		
94	112		Cum	1	18.15	1.10	0.15	2.99		
		RHS								
0	30		Cum	1	30.00	1.10	0.15	4.95		
30	60		Cum	1	30.00	1.10	0.15	4.95		
60	90		Cum	1	30.00	1.10	0.15	4.95		
90	114		Cum	1	23.70	1.10	0.15	3.91		
		Opp Brigade North 7th Cross								
		LHS								
0	30		Cum	1	30.00	1.10	0.15	4.95		
30	60		Cum	1	30.00	1.10	0.15	4.95		
60	90		Cum	1	30.00	1.10	0.15	4.95		
90	120		Cum	1	30.00	1.10	0.15	4.95		
120	150		Cum	1	30.00	1.10	0.15	4.95		
150	180		Cum	1	30.00	1.10	0.15	4.95		
180	190		Cum	1	10.40	1.10	0.15	1.72		
		Cross Road								
		LHS								
0	23.2		Cum	1	23.20	1.10	0.15	3.83		
		LHS								
0	22.8		Cum	1	22.80	1.10	0.15	3.76		
		Cross Road								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	41.4		Cum	1	11.40	0.90	0.15	1.54		
		7th cross								
		RHS								
0	30		Cum	1	30.00	1.20	0.15	5.40		
30	60		Cum	1	30.00	1.20	0.15	5.40		
60	90		Cum	1	30.00	1.20	0.15	5.40		
90	120		Cum	1	30.00	1.20	0.15	5.40		
120	150		Cum	1	30.00	1.20	0.15	5.40		
150	180		Cum	1	30.00	1.20	0.15	5.40		

113.60.

Contractor

BVK Consulting Engineers Pvt. Ltd. Bangalore PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
180	195		Cum	1	15.00	1.20	0.15	2.70		
		Tip circle om Sakhti Temple								
		RHS								
0	30		Cum	1	30.00	1.20	0.15	5.40		
30	40.7		Cum	1	10.70	1.20	0.15	1.93		
		Cross Road								
		RHS								
0	10		Cum	1	10.00	1.20	0.15	1.80		
		Cross Road								
		LHS								
0	24		Cum	1	24.00	1.20	0.15	4.32		
		LHS								
0	26.2		Cum	1	26.20	1.20	0.15	4.72		
		Main Road								
		LHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	90		Cum	1	30.00	0.90	0.15	4.05		
90	120		Cum	1	30.00	0.90	0.15	4.05		
120	150		Cum	1	30.00	0.90	0.15	4.05		
150	180		Cum	1	30.00	0.90	0.15	4.05		
180	210		Cum	1	30.00	0.90	0.15	4.05		
210	240		Cum	1	30.00	0.90	0.15	4.05		
240	249		Cum	1	9.30	0.90	0.15	1.26		
		Cross Road								
		LHS								
0	25		Cum	1	25.00	1.20	0.15	4.50		
		RHS								
0	25		Cum	1	25.00	1.20	0.15	4.50		
		Cross Road								
		LHS								
0	30		Cum	1	30.00	1.20	0.15	5.40		
30	44		Cum	1	14.00	1.20	0.15	2.52		
		Cross Road								
		LHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	57.1		Cum	1	27.10	0.90	0.15	3.66		
57.1	63.5	No work	Cum	1	6.40	0.00	0.15	0.00		
63.5	93.5		Cum	1	30.00	0.90	0.15	4.05		
93.5	124		Cum	1	30.00	0.90	0.15	4.05		
124	150		Cum	1	26.50	0.90	0.15	3.58		
		Cross Road								
		RHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	77.8		Cum	1	17.80	0.90	0.15	2.40		

101.34

Contractor

BVH Consulting Engineers Pvt. Ltd. Bangalore

PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		Cross Road								
		LHS								
0	20		Cum	1	20.00	0.90	0.15	2.70		
		Cross Road								
		LHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	80		Cum	1	20.00	0.90	0.15	2.70		
		RHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	90		Cum	1	30.00	0.90	0.15	4.05		
90	120		Cum	1	30.00	0.90	0.15	4.05		
120	129		Cum	1	9.20	0.90	0.15	1.24		
		Cross Road								
		LHS								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	75		Cum	1	15.00	0.90	0.15	2.03		
		Bande Road								
		LHS								
0	12.4		Cum	1	12.40	1.20	0.15	2.23		
		LHS								
0	19.8		Cum	1	19.80	1.20	0.15	3.56		
		LHS								
0	18.6		Cum	1	18.60	1.20	0.15	3.35		
		LHS								
0	19.8		Cum	1	19.80	1.20	0.15	3.56		
		LHS								
0	9.3		Cum	1	9.30	1.20	0.15	1.67		
		RHS								
0	10.2		Cum	1	10.20	1.20	0.15	1.84		
		RHS								
0	20.1		Cum	1	20.10	1.20	0.15	3.62		
		RHS								
0	20		Cum	1	20.00	1.20	0.15	3.60		
		RHS								
0	19		Cum	1	19.00	1.20	0.15	3.42		
								67.92		

Contractor

BVH Consulting Engineers Pvt. Ltd. Bangalore

RMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		RHS								
0	15.4		Cum	1	15.40	1.20	0.15	2.77		
		1st Cross								
		LHS								
0	30.9		Cum	1	30.90	0.90	0.15	4.17		
		2nd Cross								
		LHS								
0	30.5		Cum	1	30.50	0.90	0.15	4.12		
		3rd Cross								
		LHS								
0	32.1		Cum	1	32.10	0.90	0.15	4.33		
		4th Cross								
		LHS								
0	33		Cum	1	33.00	0.90	0.15	4.46		
		1st Cross								
		RHS								
0	24.2		Cum	1	24.20	0.90	0.15	3.27		
		2nd Cross								
		RHS								
0	25		Cum	1	25.00	0.90	0.15	3.38		
		3rd Cross								
		RHS								
0	25		Cum	1	25.00	0.90	0.15	3.38		
		4th Cross								
		RHS								
0	25		Cum	1	25.00	0.90	0.15	3.38		
		Old Side Drain								
0	30		Cum	1	30.00	0.90	0.15	4.05		
30	60		Cum	1	30.00	0.90	0.15	4.05		
60	90		Cum	1	30.00	0.90	0.15	4.05		
90	120		Cum	1	30.00	0.90	0.15	4.05		
120	140		Cum	1	20.00	0.90	0.15	2.70		
		Cross Road								
		LHS & RHS								
0	30		Cum	1	30.00	1.20	0.15	5.40		
30	60		Cum	1	30.00	1.20	0.15	5.40		
60	90		Cum	1	30.00	1.20	0.15	5.40		
90	120		Cum	1	30.00	1.20	0.15	5.40		
120	150		Cum	1	30.00	1.20	0.15	5.40		
150	180		Cum	1	30.00	1.20	0.15	5.40		
180	210		Cum	1	30.00	1.20	0.15	5.40		
210	251		Cum	1	41.00	1.20	0.15	7.38		
								97.34		

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		Side Wall								
		Kogilu layout								
		8th Cross Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	94	No work	Cum	2	4.00	0.00	0.60	0.00		
94	112		Cum	2	18.15	0.15	0.60	3.27		
		RHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	114		Cum	2	23.70	0.15	0.60	4.27		
		Opp Brigade North 7th Cross								
		LHS								
0	30		Cum	2	30.00	0.15	0.70	6.30		
30	60		Cum	2	30.00	0.15	0.70	6.30		
60	90		Cum	2	30.00	0.15	0.70	6.30		
90	120		Cum	2	30.00	0.15	0.70	6.30		
120	150		Cum	2	30.00	0.15	0.70	6.30		
150	180		Cum	2	30.00	0.15	0.70	6.30		
180	190		Cum	2	10.40	0.15	0.70	2.18		
		Cross Road								
		LHS								
0	23.2		Cum	2	23.20	0.15	0.70	4.87		
		LHS								
0	22.8		Cum	2	22.80	0.15	0.70	4.79		
		Cross Road								
		RHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	41.4		Cum	2	11.40	0.15	0.60	2.05		
		7th cross								
		RHS								
0	30		Cum	2	30.00	0.15	0.80	7.20		
30	60		Cum	2	30.00	0.15	0.80	7.20		
60	90		Cum	2	30.00	0.15	0.80	7.20		
90	120		Cum	2	30.00	0.15	0.80	7.20		
120	150		Cum	2	30.00	0.15	0.80	7.20		
150	180		Cum	2	30.00	0.15	0.80	7.20		
180	195		Cum	2	15.00	0.15	0.80	3.60		

143.83

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Contractor PMC Assistant Engineer Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		Tip circle om Sakhti Temple								
		RHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	40.7		Cum	2	10.70	0.15	0.65	2.09		
		Cross Road								
		RHS								
0	10		Cum	2	10.00	0.15	0.60	1.80		
		Cross Road								
		LHS								
0	24		Cum	2	24.00	0.15	0.60	4.32		
		LHS						0.00		
0	26.2		Cum	2	26.20	0.15	0.60	4.72		
		Main Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	120		Cum	2	30.00	0.15	0.60	5.40		
120	150		Cum	2	30.00	0.15	0.60	5.40		
150	180		Cum	2	30.00	0.15	0.60	5.40		
180	210		Cum	2	30.00	0.15	0.60	5.40		
210	240		Cum	2	30.00	0.15	0.60	5.40		
240	249		Cum	2	9.30	0.15	0.60	1.67		
		Cross Road								
		LHS								
0	25		Cum	2	25.00	0.15	0.75	5.63		
		RHS								
0	25		Cum	2	25.00	0.15	0.60	4.50		
		Cross Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.75	6.75		
30	44		Cum	2	14.00	0.15	0.75	3.15		
		Cross Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	57.1		Cum	2	27.10	0.15	0.60	4.88		
57.1	63.5	No work	Cum	2	6.40	0.00	0.00	0.00		
63.5	93.5		Cum	2	30.00	0.15	0.60	5.40		
93.5	124		Cum	2	30.00	0.15	0.60	5.40		
124	150		Cum	2	26.50	0.15	0.60	4.77		
		Cross Road								
		RHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	77.8		Cum	2	17.80	0.15	0.60	3.20		

Contractor

PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		Cross Road								
		LHS								
0	20		Cum	2	20.00	0.15	0.60	3.60		
		Cross Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	80		Cum	2	20.00	0.15	0.60	3.60		
		RHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	120		Cum	2	30.00	0.15	0.60	5.40		
120	129		Cum	2	9.20	0.15	0.60	1.66		
		Cross Road								
		LHS								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	75		Cum	2	15.00	0.15	0.60	2.70		
		Bande Road								
		LHS								
0	12.4		Cum	2	12.40	0.15	0.60	2.23		
		LHS								
0	19.8		Cum	2	19.80	0.15	0.60	3.56		
		LHS								
0	18.6		Cum	2	18.60	0.15	0.60	3.35		
		LHS								
0	19.8		Cum	2	19.80	0.15	0.60	3.56		
		LHS								
0	9.3		Cum	2	9.30	0.15	0.60	1.67		
		RHS								
0	10.2		Cum	2	10.20	0.15	0.60	1.84		
		RHS								
0	20.1		Cum	2	20.10	0.15	0.60	3.62		
		RHS								
0	20		Cum	2	20.00	0.15	0.60	3.60		
		RHS								
0	19		Cum	2	19.00	0.15	0.60	3.42		

81.61

Contractor

RMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		RHS								
0	15.4		Cum	2	15.40	0.15	0.60	2.77		
		1st Cross								
		LHS								
0	30.9		Cum	2	30.90	0.15	0.60	5.56		
		2nd Cross								
		LHS								
0	30.5		Cum	2	30.50	0.15	0.60	5.49		
		3rd Cross								
		LHS								
0	32.1		Cum	2	32.10	0.15	0.60	5.78		
		4th Cross								
		LHS								
0	33		Cum	2	33.00	0.15	0.60	5.94		
		1st Cross								
		RHS								
0	24.2		Cum	2	24.20	0.15	0.60	4.36		
		2nd Cross								
		RHS								
0	25		Cum	2	25.00	0.15	0.60	4.50		
		3rd Cross								
		RHS								
0	25		Cum	2	25.00	0.15	0.60	4.50		
		4th Cross								
		RHS								
0	25		Cum	2	25.00	0.15	0.60	4.50		
		Old Side Drain								
0	30		Cum	2	30.00	0.15	0.60	5.40		
30	60		Cum	2	30.00	0.15	0.60	5.40		
60	90		Cum	2	30.00	0.15	0.60	5.40		
90	120		Cum	2	30.00	0.15	0.60	5.40		
120	140		Cum	2	20.00	0.15	0.60	3.60		
		Cross Road								
		LHS & RHS								
0	30		Cum	2	30.00	0.15	0.75	6.75		
30	60		Cum	2	30.00	0.15	0.75	6.75		
60	90		Cum	2	30.00	0.15	0.75	6.75		
90	120		Cum	2	30.00	0.15	0.75	6.75		
120	150		Cum	2	30.00	0.15	0.75	6.75		
150	180		Cum	2	30.00	0.15	0.75	6.75		
180	210		Cum	2	30.00	0.15	0.75	6.75		
210	251		Cum	2	41.00	0.15	0.75	9.23		
								125.08		

ntractor

PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		Culvert								
			Cum	1	5.00	1.50	0.25	1.88		
			Cum	1	5.00	1.50	0.25	1.88		
		LHS	Cum	1	6.20	1.80	0.25	2.79		
			Cum	1	6.20	1.50	0.25	2.33		
			Cum	1	5.00	1.80	0.25	2.25		
			Cum	1	5.60	1.80	0.30	3.02		
			Cum	1	5.00	1.80	0.25	2.25		
			Cum	1	5.30	1.80	0.25	2.39		
		Bande Road								
			Cum	1	4.30	1.80	0.25	1.94		
			Cum	1	5.00	1.80	0.25	2.25		
			Cum	1	5.60	1.80	0.25	2.52		
			Cum	1	5.05	1.80	0.25	2.27		
			Cum	1	3.80	1.80	0.25	1.71		
			Cum	1	5.00	1.80	0.25	2.25		
			Cum	1	4.30	1.80	0.25	1.94		
			Cum	1	3.20	1.50	0.25	1.20		
			Cum	1	5.70	1.80	0.25	2.57		
		Cross Road								
			Cum	1	6.50	1.80	0.25	2.93		
			Cum	1	6.30	1.80	0.25	2.84		
			Cum	1	6.50	1.80	0.25	2.93		
			Cum	1	6.60	1.80	0.25	2.97		
		Side Wall								
			Cum	2	5.00	0.25	0.60	1.50		
			Cum	2	5.00	0.25	0.50	1.25		
								51.86		

Contractor PMC Assistant Engineer Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount
		LHS	Cum	2	6.20	0.25	0.65	2.02		
			Cum	2	6.20	0.25	0.80	2.48		
			Cum	2	5.00	0.25	0.65	1.63		
			Cum	2	5.60	0.30	0.65	2.18		
			Cum	2	5.00	0.25	0.65	1.63		
			Cum	2	5.30	0.25	0.75	1.99		
		Bande Road	Cum	2	4.30	0.25	0.65	1.40		
			Cum	2	5.00	0.25	0.65	1.63		
			Cum	2	5.60	0.25	0.65	1.82		
			Cum	2	5.05	0.25	0.65	1.64		
			Cum	2	3.80	0.25	0.65	1.24		
			Cum	2	5.00	0.25	0.65	1.63		
			Cum	2	4.30	0.25	0.65	1.40		
			Cum	2	3.20	0.25	0.65	1.04		
		Cross Road	Cum	2	5.70	0.25	0.60	1.71		
			Cum	2	6.50	0.25	0.65	2.11		
			Cum	2	6.30	0.25	0.60	1.89		
			Cum	2	6.50	0.25	0.60	1.95		
			Cum	2	6.60	0.25	0.60	1.98	33.32	
							Total	939.03	7422.3	6969762.37

939.03

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tor PMC Assistant Engineer Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)		Rate	Amount
Item no.06		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the direction of Engineer in charge of the work.								
		Drain	Tonne		From Calculation Sheeet			46.47		
		Culvert	Tonne		From Calculation Sheeet			8.31		
								Total 54.78		
		Qty Recorded as per Premeasurement Page No. 16 to 23						54.74	75928.90	4156345.80
Item no.07		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete and as per the direction of Engineer in charge of the work. 20/10/20 – 01/12/20								
		Kogilu layout								
		8th Cross Road								
		LHS								
0	30		Sqm	1	30.00	0.90		27.00		
30	60		Sqm	1	30.00	0.90		27.00		
60	90		Sqm	1	30.00	0.90		27.00		
90	94	No work	Sqm	1	4.00	0.00		0.00		
94	112		Sqm	1	18.15	0.90		16.34		
		RHS								
0	30		Sqm	1	30.00	0.90		27.00		
30	60		Sqm	1	30.00	0.90		27.00		
60	90		Sqm	1	30.00	0.90		27.00		
90	114		Sqm	1	23.70	0.90		21.33		
		Opp Brigade								
		LHS								
0	30		Sqm	1	30.00	0.90		27.00		
30	60		Sqm	1	30.00	0.90		27.00		
60	90		Sqm	1	30.00	0.90		27.00		
90	120		Sqm	1	30.00	0.90		27.00		
120	150		Sqm	1	30.00	0.90		27.00		
150	180		Sqm	1	30.00	0.90		27.00		
180	190		Sqm	1	10.40	0.90		9.36		
		Cross Road								
		LHS								
0	23.2		Sqm	1	23.20	0.90		20.88		

341.91

Contractor PMC Assistant Engineer Assistant Executive Engineer

23/10/20 – 28/10/20

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Item no.12		Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt aterial, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the direction of Engineer in charge of the work.							
		Cross Road							
0	30		Cum	1	30	5.45	0.15	24.525	
30	60		Cum	1	30	5.25	0.15	23.625	
60	90		Cum	1	30	5.40	0.15	24.3	
90	100		Cum	1	10.42	5.10	0.15	7.9713	
		1st Cross LHS							
0	30.9		Cum	1	30.9	3.70	0.15	17.15	
		2nd Cross LHS							
0	30.5		Cum	1	30.5	5.00	0.15	22.88	
		3rd Cross LHS							
0	32.1		Cum	1	32.1	5.15	0.15	24.80	
		4th Cross LHS							
0	33		Cum	1	33	5.20	0.15	25.74	
		1st Cross RHS							
0	24.2		Cum	1	24.2	2.45	0.15	8.89	
		2nd Cross RHS							
0	25		Cum	1	25	5.10	0.15	19.13	
0	25	3rd Cross RHS	Cum	1	25	5.05	0.15	18.94	
		4th Cross RHS							
0	25		Cum	1	25	5.45	0.15	20.44	
							TOTAL	238.39	
							Quantity Limited To	224.16	

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanapura Sub Division

Consulting Engineers Pvt. Ltd. Bangalore